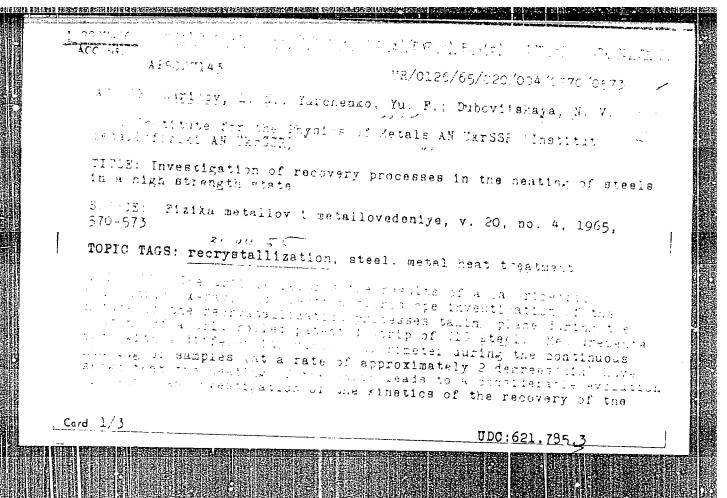
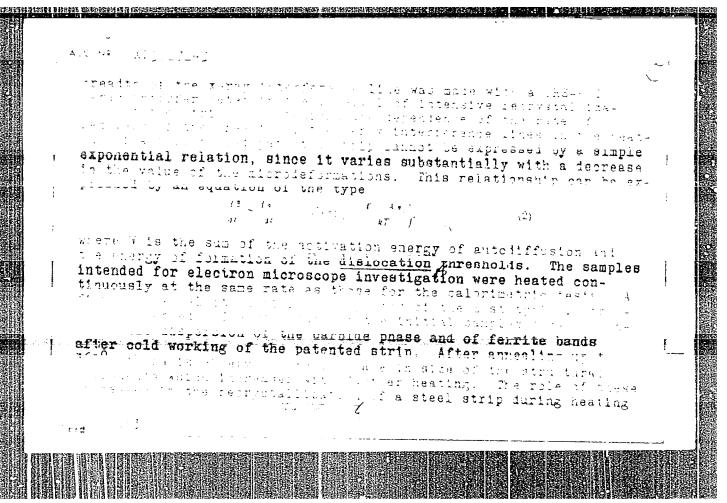


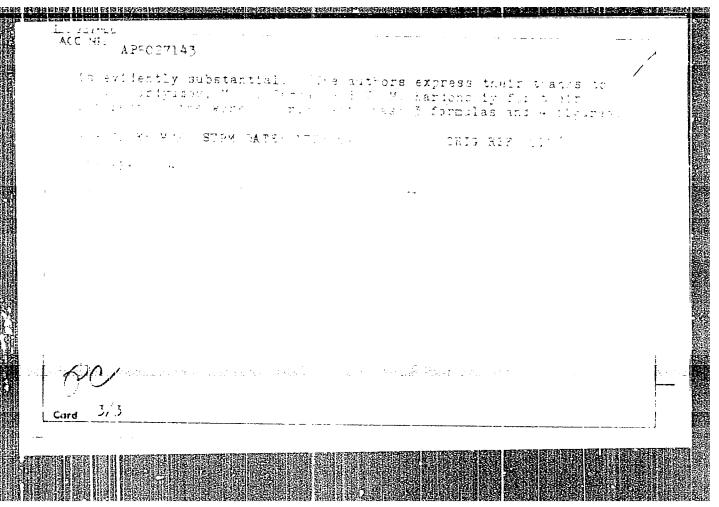
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	ORG: none	į.
	TITLE: A device for welding thermoplastics. Class 39, No. 174350	-
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,	TOPIC INTO welding equipment, for the sharry, thermoglastic material	•
!	ABSTRACT: This Author's Certificate introduces: I. A device for welding thermoplastics using hf current. The unit contains an insulation casing and flat metal electrics using heart of the material to be welded. In order to provide a segment of the material to be welded.	ī
! !	tics using hf current. The unit contains an insulation casing and flat metal electrodes located on one side of the material to be welded. In order to produce a seam of the casing is made in the form of a prismatic moller with the casing is made in the form of a prismatic moller with the	
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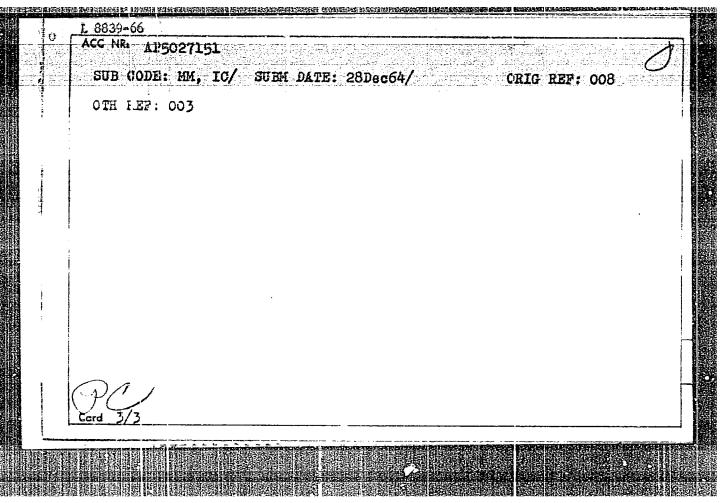




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Investigating thermal and volumetric effects during the annealing of cold-worked patented steel. Sbor. nauch. trud.

Inst. metallofiz. AN URSR no.20:64-66 '64.

Methods of investigating small volumetric changes. Ibid.: 191-197 (MIRA 18:5)

EFA(s)...2/EWT(m)/EPF(c)/SWA(d)/EWF(v)/T/EWP(t)/EWP(k)/EWP(z)/EMF(5)/EVA(c) H- MJM/JD/ID./HV/WE UR/0125/65/000/006/0041/0043 ACCESSION NR. AF5016018 621.791.053:620.191/.193 AUTHOF: (ur henko, Yu. F. (Engineer) (Moscow) TITLE East corresion of 18-8-type steel welds SOURIN: Artomaticheskaya.svarka, no. 6, 1969, 41-43 TOPIT TACS: stainless steel, welled steinless steel corrosion, knife corrosion, well netel n resion, welding apeer effect, filler wire composition effect/13 6 state ess stiely William speed Welded Joints of IFh16N97 week 5-19 mm thick, were tested for suscontinuity to knife corresion to be -15% mitric acid at 110-1200. Both multiand single-jeas wells were susceptible to knife corresion. The depth of knife troreased linearly as the energy of welding (the amount of heat; per unit length of the weld increased. The depth of knife corrosion decreased with increasing stee. The Riess. For example, at a fus on-zone temperature of 7000 held for 10 min, the harfe perceion speed in 65% natric acid and in a copper sulfate solution increas it y -- 10 times, while no marked increase in the knift corresion rate was observed with a holding time of 20 and 50 sec. The chemical composition of the weld metal, particularly of the filler metal, greatly influences the knife conceston Cord 1/2

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	rate of 2 sm per year.	Thus, OKhi8N9, Ei649, and iKhi8Ngs-steel pipes yorking in concen-	trated nitric acid.	Orig.
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ACC NR: AP6028222

SOURCE CODE: UR/0154/66/000/001/0131/0137

AUTHOR: Yurchenko, Yu. F. (Engineer)

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ORG: Moscow Institute of Engineers of Geodesy, Aerial Photography, and Cartography (Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii)

TITLE: Analysis of high-order aberrations

SOURCE: IVUZ. Geodeziya i aerofotos"yemka, no. 1, 1966, 131-137

TOPIC TAGS: light aberration, refractive index, optic system

ABSTRACT: When calculating optical systems with high optical characteristics (relative opening, aperiure, and viewing angle) the calculator constantly deals with aberrations of third and higher orders. If the system obeys the third order optical theory/the system is corrected by means of Seidel sums. In most cases systems do not follow this theory and calculation of aberrations of higher orders in Seidel sums results in complex formulas which are difficult and even impossible to use. However, an analysis of aberrations of higher orders is one of the necessary elements of calculating systems, therefore in this article the author analyzes the spherical aberration of one refracting spherical surface for the case where the subject lies

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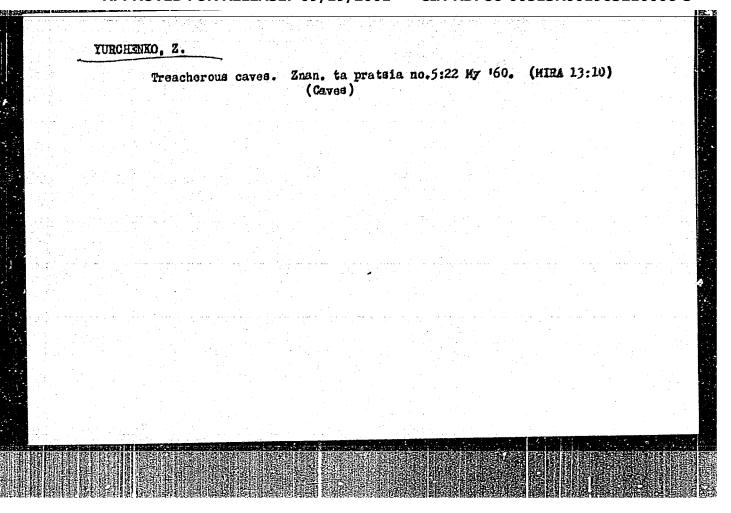
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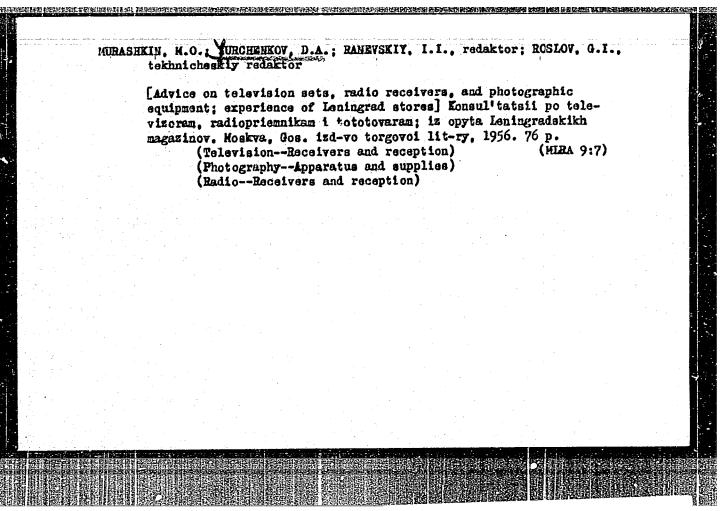
at infinity. An analysis of the formulas derived demonstrated that the smaller the index of refraction of the lens, the higher the order of spherical aberration and, conversely, at large angles of incidence of a ray onto a joined surface and small difference of the refractive indexes of the joined surface, large values of high orders of spherical aberrations occur. An analysis of spherochromatic aberrations showed that large spherochromatic aberrations occur on joined surfaces and that such aberrations can be eliminated if the type of glass on the joined surface is selected in such a manner that the coefficient ne/n!(n'-n) (where n and n' are the refractive indexes of the medium before and after the refracting surface) remains constant when the wavelength changes. A formula is derived for astigmatism introduced by one refracting spherical surface. The author states that it is apparent from the formulas derived that aberrations increase or decrease depending upon the angle of incidence on the surface, and distortion and coma change depending upon the angles of incidence of the principal ray and broad inclined rays. Orig. art. has: 34 formulas.

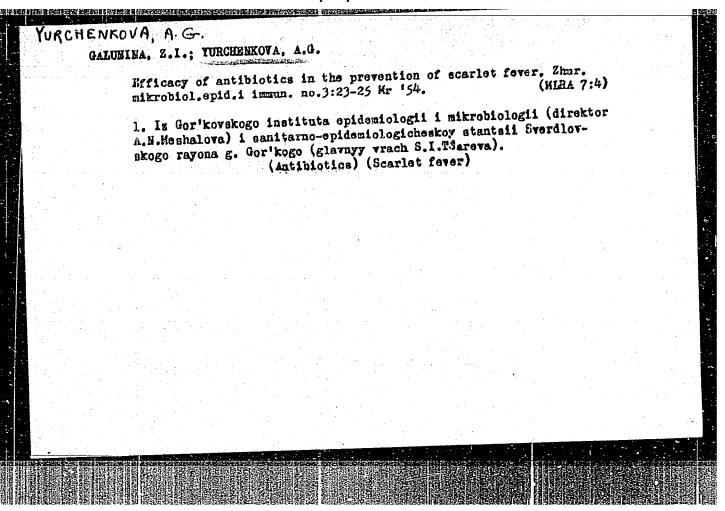
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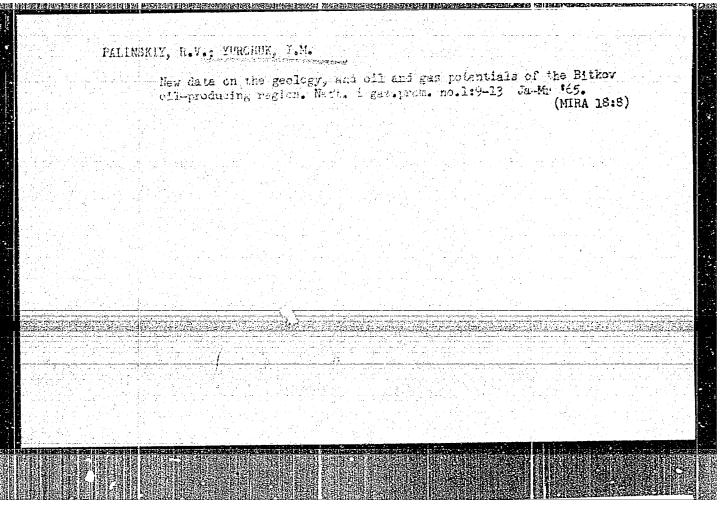


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TARANENKO, P.I.; LUR'YE, M.I., kand. toknn.nauk; SERGEYEV, N.M.; YURCHEVSKIY, A.A.

Program controlled stand for investigating unsteady motion conditions of motor vehicles. Avt.prom. 31 no.10:26-30 0 65. (MIPA 18:10)

1. Moskovskiy avtomobil'no-dorozhnyy institut i TSentral'nyy nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni avtomobil'nyy i avtomotornyy institut.



Cand. Technical Sci.

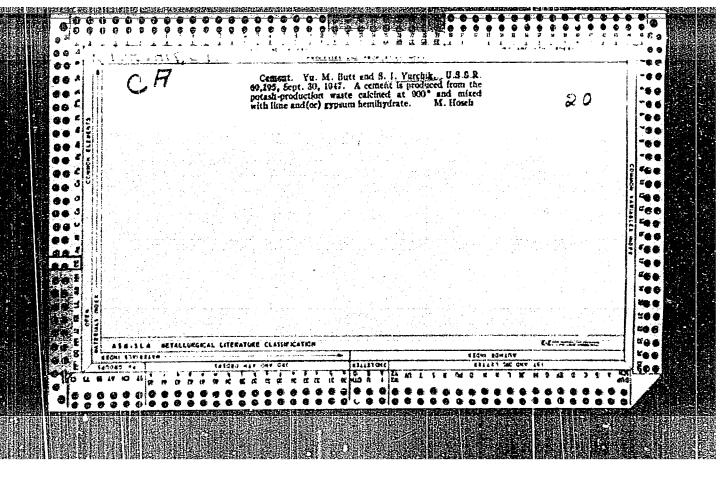
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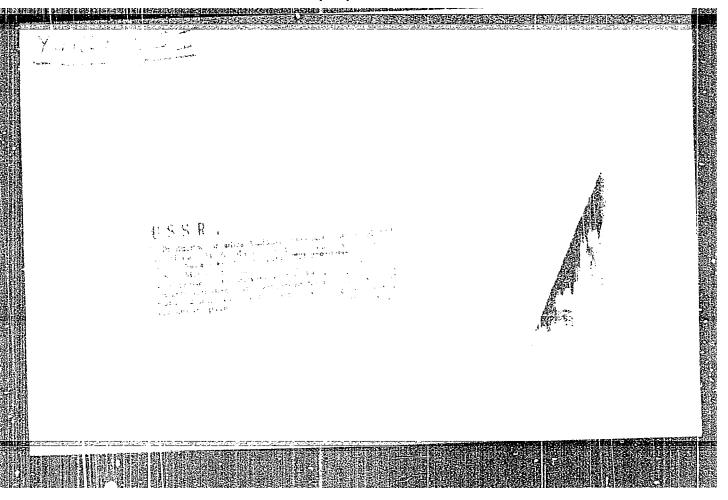
"Investigation of the Effect of Certain Admixtures and Artificial Aging on the Preperties of Structural Gypsum." Sub 29 Sep 47, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum. No. 457, 18 Apr 55

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YURCHIK, S. I.

USSR/Engineering - Refractories, Technology

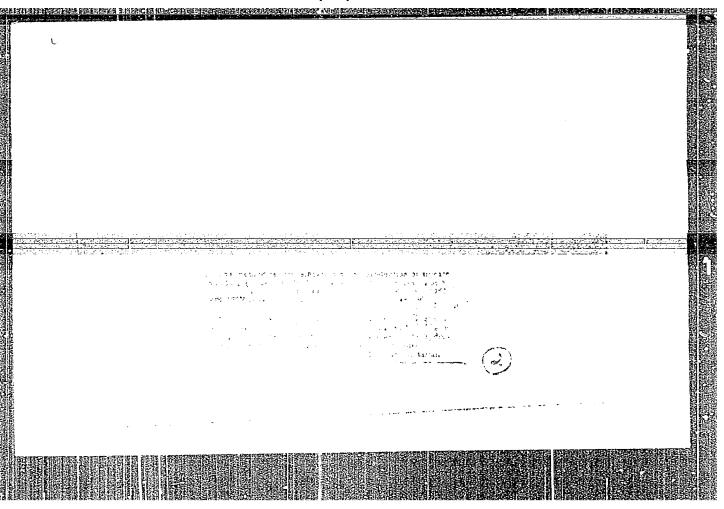
Nov 51

"Effect of Steam Pressure on Physicomechanical Properties of Silica Brick With Addition of Granulated Sodium Silicate," P. P. Budnikov, Corr Mem, Acad Sci USSR, M.A. Matveyev, S. I. Yurchik

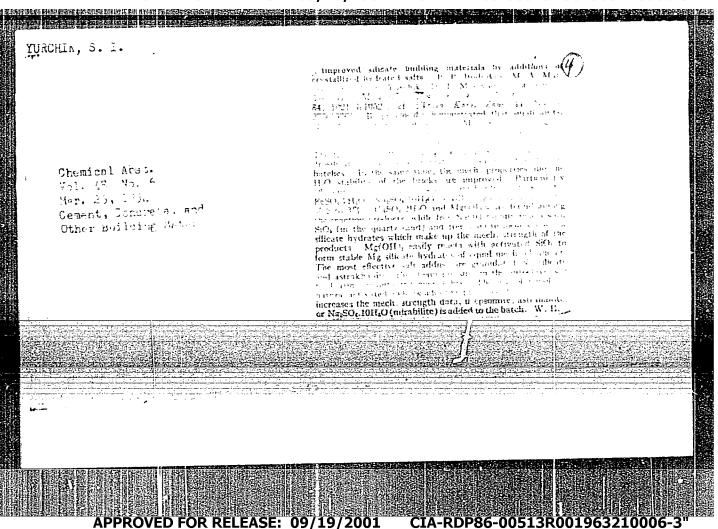
"Dok Ak Hauk SSTR" Vol IMXXI, No 2, pp 255-258

Introduction of sodium silicate into sand-lime mixt intensifies formation of calcium hydrosilicates due to increased content of active silica, and indreases effect of higher steam pressure in autoclave in respect to improving strength of product made by hydrothermal method. In addn, granulated sodium silicate decreases water absorption of brick, having favorable effect on its frost-resistance.

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POPOV,A.N.; YURCHIK,S.I., inzhener

Rapid stripping of centrifugal renforced concrete pipes. Bet. 1
shel.-het. no.5:188-190 Ag '55. (MIZA 8:9)

1. Deystvitel'nyy chlen Akademii arkhitektury SSSR (for Popov)
(Pipes, Concrete)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963210006-3"

POKRIVNICHKI, St.; YURCHIK, V.; STENGERT, K.

Cardiac arrest in the operating room. Knirurgiia (Sofiia) 18 no.52521-524 '65.

1. Institut po anesteziologiia, Lodz (direktor dotsent St. Pokrivnichki) i Institut po anesteziologiia pri III. khir. klinika na MA, Poznan (rukovoditel - V. IUrgin).

ACC NR: AP6022019

SOURCE CODE: UR/0120/66/000/003/0165/0167

AUTHOR: Kikoin, A. K.; Buzynov, A. Ye.; Yurchikov, Ye. Ye.

ORG: Institute of the Physics of Metals, AN SSSR, Sverdlovsk (Institut fiziki metallor AN SSSR)

TITLE: A vacuum device with a diffusion pump

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1966, 165-167

TOPIC TAGS: vacuum, vacuum chamber, vacuum pump, vacuum technology, diffusion pump

ABSTRACT: A simple vacuum device capable of producing in its evaporating chamber a vacuum of ~5·10⁻⁸ torr, which is high enough for thin film technology, is described. Usually the possibility of obtaining such a vacuum depends on the speed with which working pressure is restored in the chamber after dismantling and parts replacement. Because of this every attempt to obtain a metallic thin film takes a long time and, if frequent replacements of the evaporator, or other parts of the vacuum device are required, then major difficulties are encountered. In the vacuum device discussed a diffusion pump, mounted directly in the evaporating chamber, is utilized which makes it possible to obtain within a short time a pressure of 2·10⁻⁷ and a vacuum of 5·10⁻⁸ torr. The evaporating chamber is in the form of a 34250 mm cylinder with a volume of 15 2 mounted on a steel plate. The chamber is evacuated through an opening in the center of the steel plate by the RVN-10 preevacuation pump and by the TsVL-100 oil-

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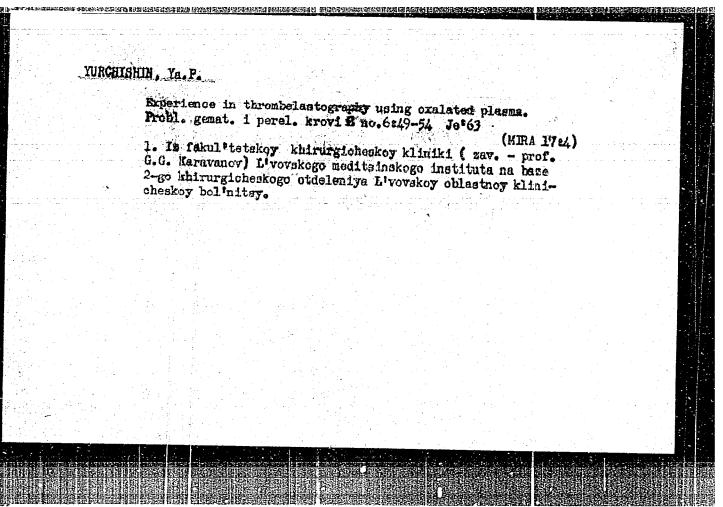
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YUECHISHIN, M.O., burovoy master

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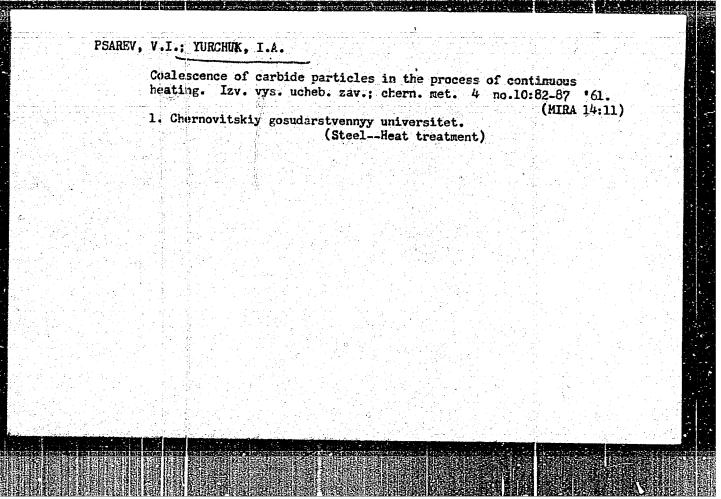
1. Frikumskaya kontora razvedochnogo bureniya tresta Stevropol'nefterazvedka.

(Stavropol Territory--Oil well drilling--Equipment and supplies)

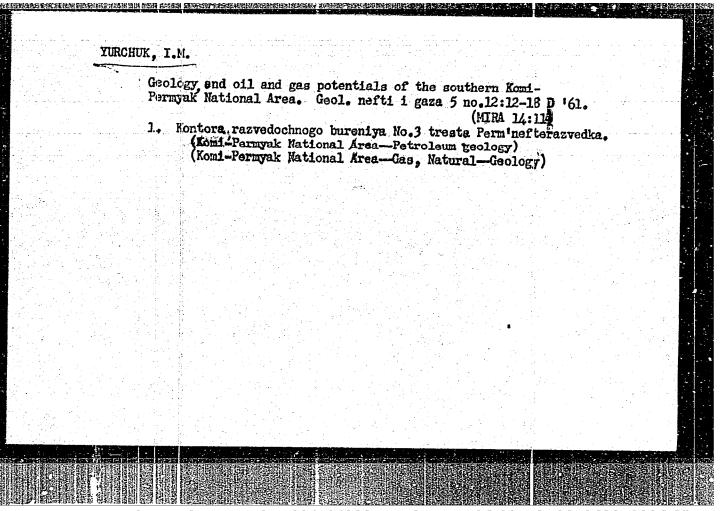


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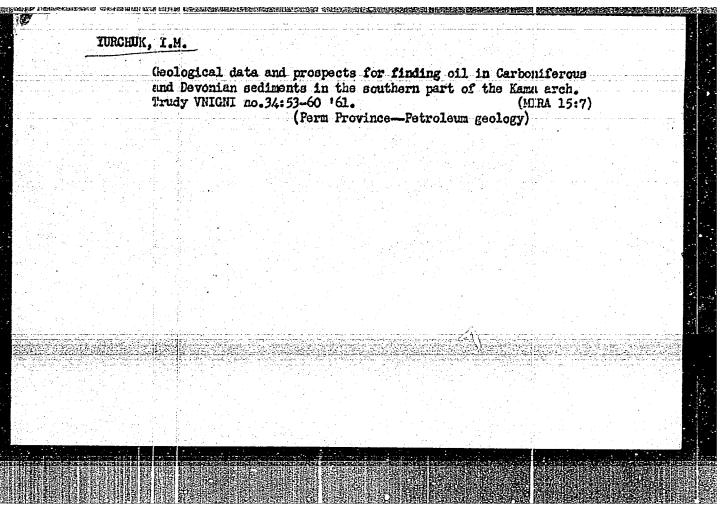
\$/044/61/000/005/002/025 0111/0444 AUTHORS 8 Ayzenberg, N. N., Yurchuk, A. P. TITLE 8 On some problems of the propositional calculus PERIODICAL: Referativnyy zhurnal, Matematika, no. 5, 1961, 8, abstract 5A74. (Dokl. i. socbshch. Uzhgorodak. un-t. Ser. fiz.-matem., 1960, no. 3, 66 - 67) Information on new proofs of well-known theorems, granting 1) a survey of all conclusions of an assumption, and 2) the obtainment of all assumptions of a proposition for the propositional calculus of I. I. Zhegalkin (Matem. 85. 1927, 34, no. 1). The authors do not explicitly refer to the fact that the table, given by them, is a truth-table for the separating "or". (Abstracter's notes Complete translation.) Card 1/1

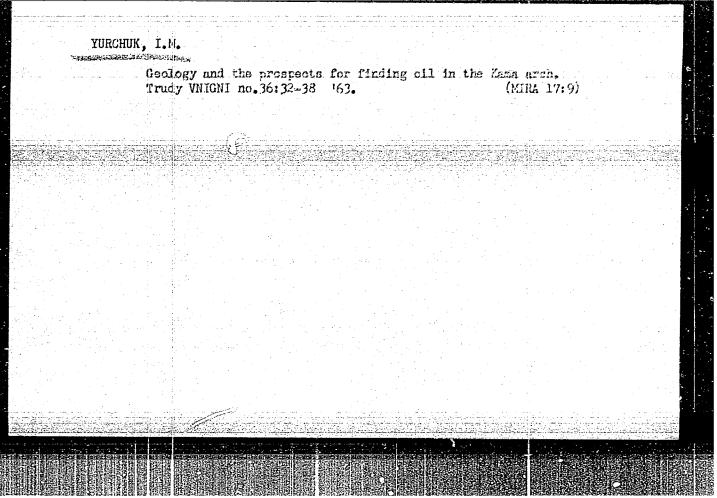


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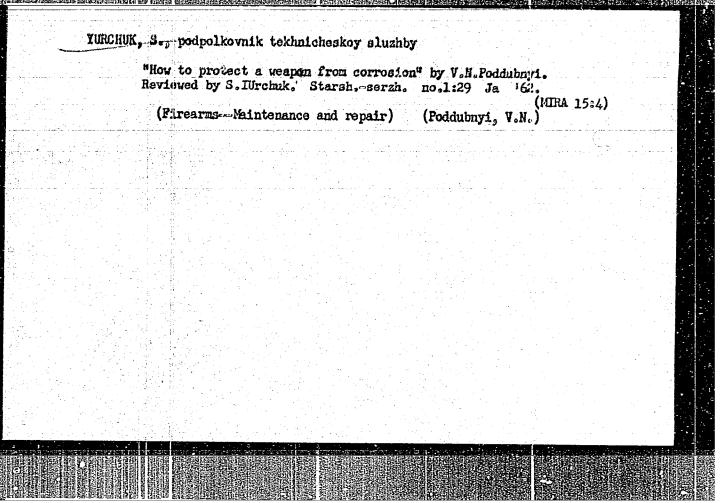


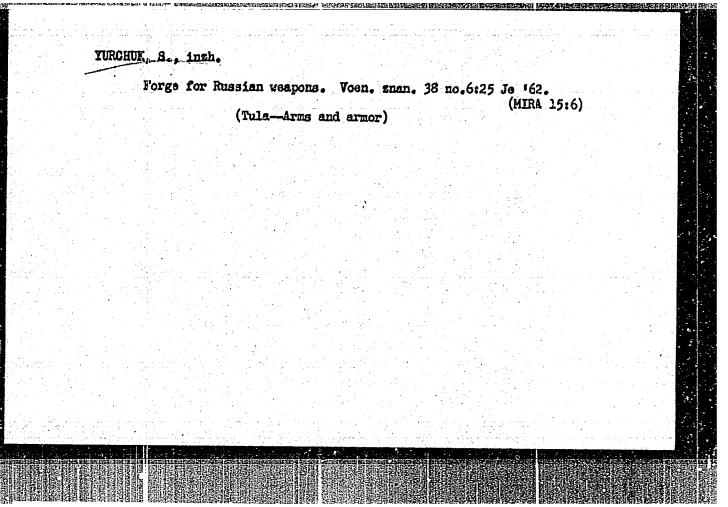
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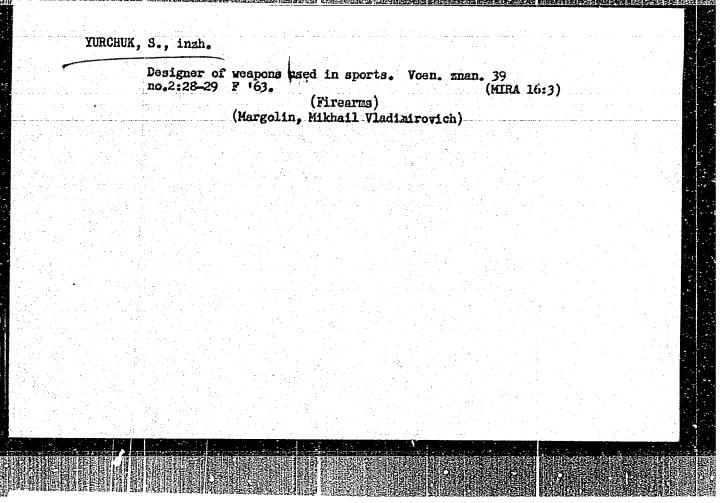




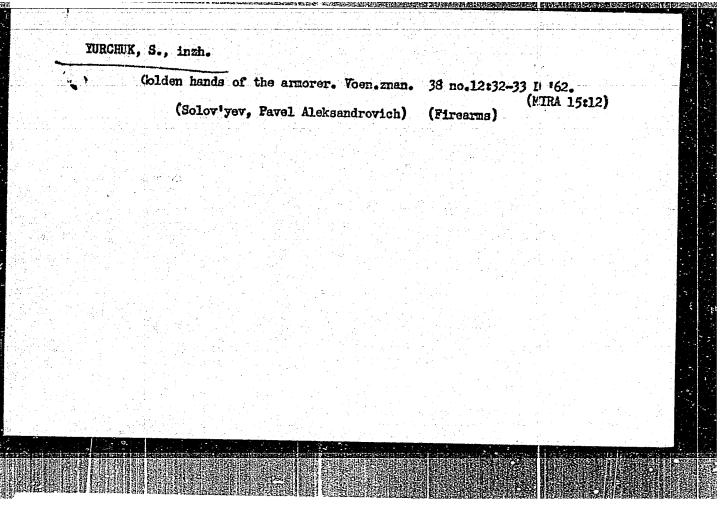
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YURCHUK, Sergey Prokof 'yevich; POZDNYSHEV,A.V., redaktor; MUHTYAN,T.P.,
teknnicheskiy redaktor

[Taking care of weapons] Beregi oruzhie. Moskva, Izd-vo DOSAAF,
1955. 45 p.

(Firearms--Maintenance and repair)

(Firearms--Maintenance and repair)

ACC NR: AT7001817

SOURCE CODE: UR/2778/66/000/015/0121/0128

AUTHOR: Yurchuk, V. A.; Gulyayev, A. A.

ORG: none

TITLE: Compensating elements for pulse circuits (bridges) with conversion (rheochords)

SOURCE: Leningrad, Nauchno-issledovatel'skiy institut gidrometeorologicheskogo priborostroyeniya. Trudy, no. 15, 1966, 121-128

TOPIC TAGS: meteorology, meteorologic instrument, pulse circuit, pulse bridge, rheochord, conversion unit, compensation element

ABSTRACT: The authors describe a circuit used in neasuring meteorological parameters. The circuit consists of a dynamically conpensated electrical bridge fed by a pulsed power supply and a rheochord which //erves as the compensating conversion unit. Orig, art, has: 5 figs. and 8 formulas. [SP]

SUB CODE: 08, 09/SUBM DATE: none/ORIG REF: 002/

Card 1/1

ACC NR: AT7001813

SOURCE CODE: UR/2778/66/000/015/0072/0078

AUTHOR: Yurchuk, V. A.; Zlatin, A. L.; Gershenzon, G. S.

ORG: none

TITLE: Resistance telemetering system

SOURCE: Leningrad. Nauchno-issledovatel'skiy institut gidrometeorologicheskogo priborostroyeniya. Trudy, no. 15, 1966, 72-78

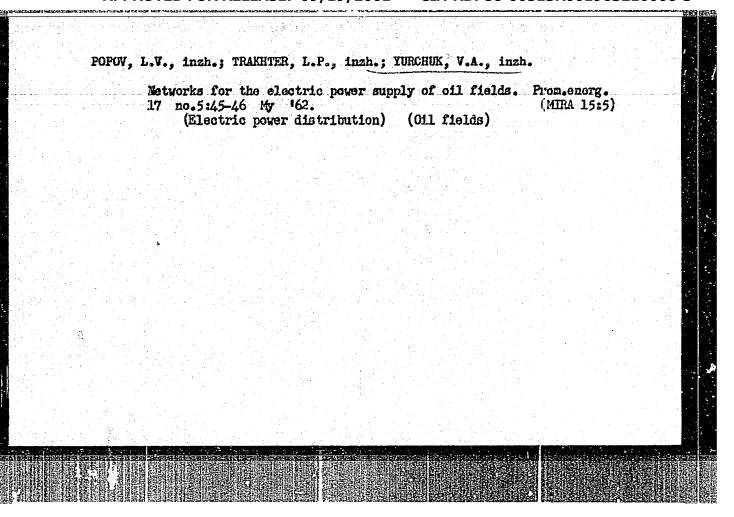
TOPIC TAGS: telemetry system, telemetry transmitter, telemetry receiver, hydrometeorology, telemetry, electric resistance telemeter, resistance telemeter, pulse bridge telemeter

ABSTRACT: The authors discuss the principles of the construction of simple pulse-bridge telemetric systems for measuring hydrometeorological resistance when the measurement of meteorological elements is reduced to the measurement of electrical resistance. The system consists of a measuring-and-transmitting unit and a receiving-and-recording unit. Circuit diagrams are given for the transmitter and receiver units, and the design of the various elements in the units is described.

Orig. art. has: 3 figures and 19 formulas. [Based on authors' abstract] [SP]
SUB CODE: 08, 09/SUBM DATE: none/ORIG REF: 001/

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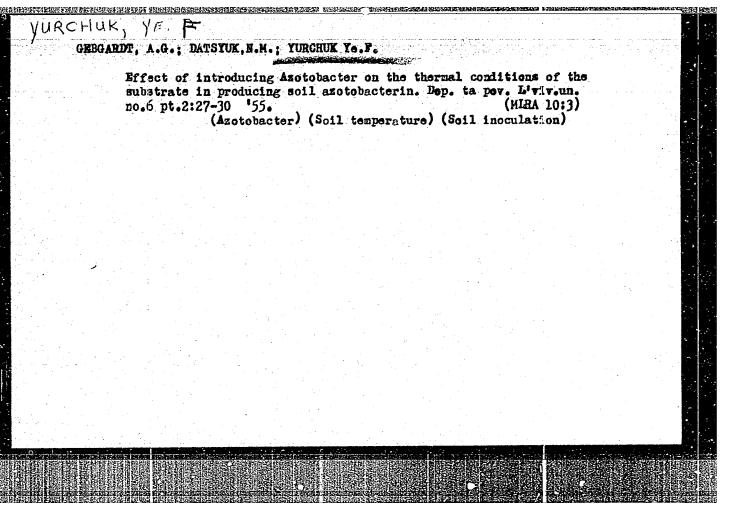
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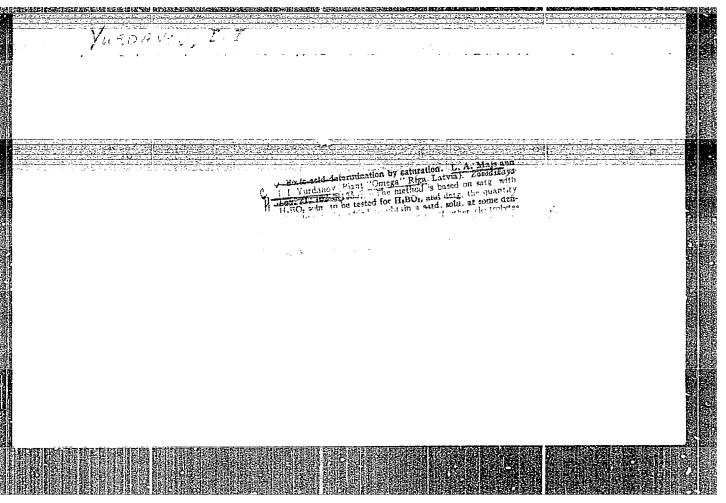


KNYSHEV, Ivan Mikitich; PRON', Vladimir Matveyevich; YURCHUK, V.1., kend. ist. nauk, otv. red.; VALIGURA, V.A., red.; MATVITCHUK, A.A., tekhm. red.

[Our confident steps] Tverdoi postup'iu. Kiev, 1961. 45 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser.1, no.20) (MIRA 15:2)

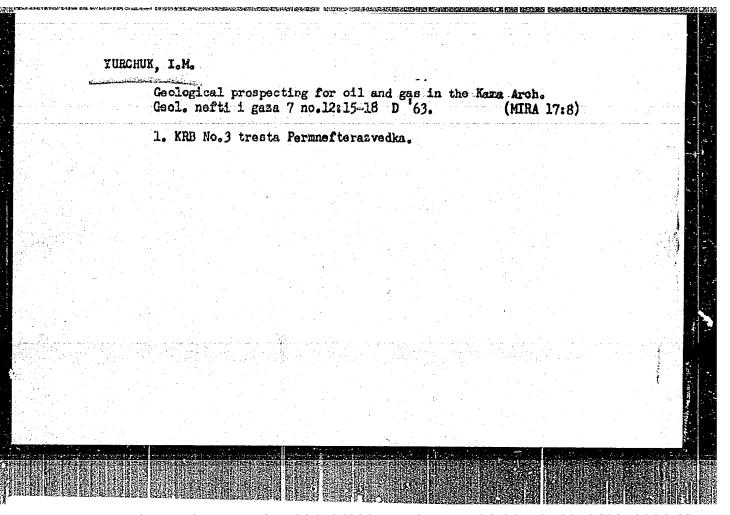
(Dnepropetrovsk—Steel industry) (Efficiency, Industrial)





IVANYUK, L.I., inzh.; KOCHAN, V.A., kand. tekhn. nauk; OGIRKO, N.M., inzh.; YURCHUK, A.A., inzh.

The UPIP-60M universal instrument. Priborostroenie no.2:25-26 F 165. (MIRA 18:3)



APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963210006-3"

Herechek Czechoslovakia / Analytical Chemistry.
Analysis of Organic Substances. E-3 Abs Jour: Ref. Zhur - Khimiya No. 2, 1958, 4350 : Yurechek, Khladek, Khladkova, Souchek, Srpova Author Title Simultaneous Detection, Identification and Determination of Secondary and Tertiary Alcohols by a Micromethod. Orig Pub: Chem. listy, 1957, 51, No. 3, 448-451 Abstract: The alcohol under investigation is converted into the corresponding alkyl chloride by means of the Lucas reagent (conc. HCl, sp. gr. 1.19 or the solution of 136 g. of anhydrous ZnCl2 in 105 cc. conc. HCl). The separated alkyl chloride is converted with thioura (1) into a soluble alkyl thiuronium chloride. After neutralization

Card 1/2

Czechoslovakia / Analytical Chemistry. Analysis of Organic Substances.

Abs Jour: Ref. Zhur - Khimiya No. 2, 1958, 4350

with CH3COONa it is converted by the action of sodium 3,5-dinitrobenzoate (11) into an insoluble alkyl thiuronium 3,5-dinitrobenzoate. The salt is recrystallyzed from C2H5OH solution and its nitro groups are determined by titration with an excess of approximately a .4N solution of TiCl3, 0.05N solution of NH4Fe(804)2 using NHUSCN as indicator. A blank determination is required. The melting point of the derivative is determined at the same time. In the reaction of alkyl chlorides with (1) or (11) the addition of KI is expedient. The method is not suitable for pentanol-3, 2,3-dimethyl pentanol-3, cyclohexanol and triphenylcarbinol.

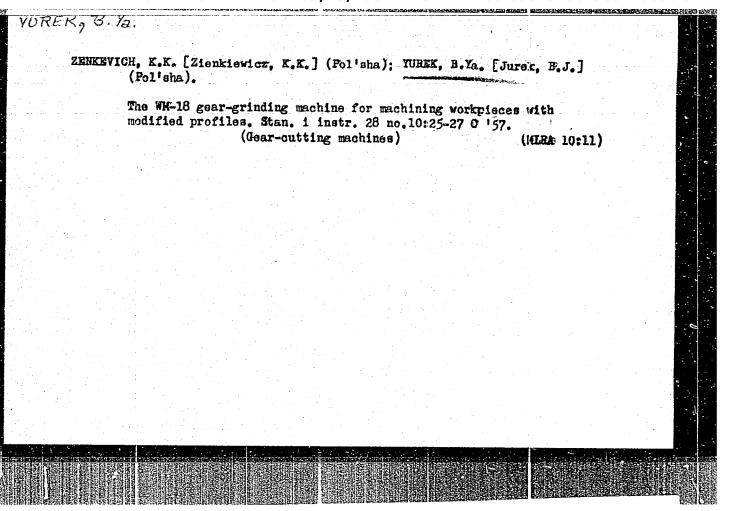
Card 2/2

rovich, mayater sportu SRSR; YURECHKO, K., red.; CIA-RDP86-09513R001963210006-3

> [Along the path of the clouds; notes of a glider enthusiast] Khmarnymy dorohamy; zapysky sportsmena-planerysta. Kyiv, Vyd-vo (MIRA 10:11) Tak LESMU "Molod'" 1957. 181 p. (Gliding and scaring)

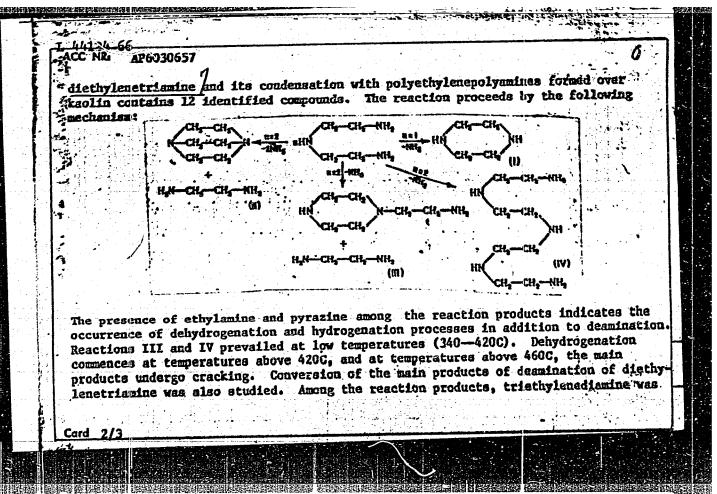
21842 YUNECHKO, N. A. Desertnyye i sladkiye woldavii. Vinodeliye i vinogradarstvo moldavii, 1949, No. 3, s. 10-13.

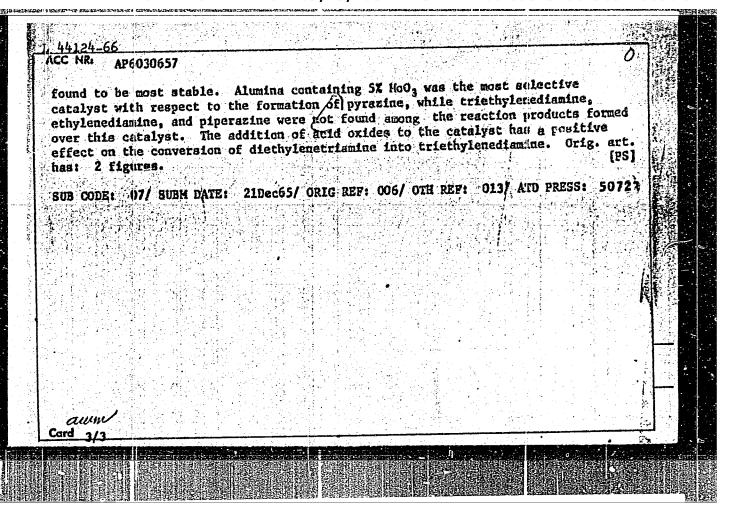
SO: Letopia! Murnal'nykh Statey, No. 29, Moskva, 1949



APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963210006-3"

Source code: ur/0020/66/169/006/1332/1334 ACC NR. AP6030657 AUTHOR: Anderson, A. A.: Yurel', S. P.: Shimanskaya, H. (Academicion All LatSSR) ORG: Institute of Organic Synthesis, Academy of Sciences LatvSik organicheskogo sinteza Akademii nauk LatvSSR) TITLE: Vapor-phase contact desmination of polyfunctional amineal SOURCE: AN SSSR. Doklady, v. 169, no. 6, 1966, 1332-1334 TOPIC TACS: amine deamination, catalyst activity, kaolin; alumina, diethylenetriamine, ethanolamine, triethylenediamine, piperazine, pyrazine ABSTRACT: Vapor-phase deamination of diethylenetriamine and dehydration of ethanolamine lover kaolin, kaolin with 52 HoO3, active alumina, and alumina with B2O3, P205, 16002, WO3, and SiO2 was studied at 300-5000 to determine the effect of the catalysts on the reaction products composition and the catalyst selectivity. The yield and the composition of the catalyzate depend on both the catalyst present and the temperature. Cas-liquid chromatographic analysis of the reaction products showed that the composition of the catalyzate varied with both the catalyst present and temperature. The reaction product formed in the demination of mc: 541.128.13+547.415+547.862-2





ACC NR. AF6034934 (A) SOURCE CODE: UR/0236/66/000/001/0161/0166

AUTHOR: Prantskyavichyus, G. A.—Pranckevicius, G.; <u>Yurenas, V. L.</u>-Jurenas, V.; Dauknis, V. I.—Dauknys, V.; Yodis, A. P.—Juodis, A.; Mayauskas, I. S.—Kajauskas, J.

ORG: Institute of Power and Electrical Engineering, Academy of Sciences Lithuanian SSR (Institut energetiki i elektrotekhniki, Akademii nauk Litovskoy SSR)

TITIE: Heat resistance of refractory materials. 1. High temperature apparatus for investigation of heat resistance

SOURCE: AN LitSSR. Ser B. Fiz-matem kinim geol i tekin n. no. 1, 1966, 161-166

TOPIC TAGS: heat resistant material, metallurgic testing machine, aluminum oxide, zirconium compound

ABSTRACT: The article describes an original piece of apparatus for investigating the heat resistance of refractory materials with a temperature drop from 2500 to 300°K. The apparatus has two heating elements: the upper high temperature element is made of sheet tungsten, and the lower low temperature element of sheet molybdenum. The heating temperature of the samples in the zone of the upper element can be regulated in the interval from 600 to 2500°, and in the zone of the lower element from 400 to 1800°K. By replacing the molybdenum heater by a coil, cooled by countercurrent water, a temperature near 300°K can be reached in the lower zone. Cyclic change in temperature

Card 1/2

BEHESHEVICH, I.I., kandidat tekhnicheskikh nauk; BOGIN, H.H., kandidat tekhnicheskikh nauk; BYKOV, Ye.i., inzhener; VLASOV, I.I., kandidat tekhnicheskikh nauk; GRITSEVSKIY, M.Te., inshener; GRUBER, L.O., inzhener; GURVICH, V.G., inzhener; DAVYDOV, V.H., inzhener; YER-SHOV, I.M., kandidat tekhnicheskikh mauk; ZASORIN, S.N., kandidat tekhnicheskikh nauk; IVAPOV, I.I., kandidat tekhnicheskikh nauk; KRAUKLIS, A.A., inzhener; KRUFOV, L.B., inzhener; LAPIS, V.B., inshener; LASTOVSKIY, V.P., dotsent; LATUNIN, H.I., inshener; MARKVAHDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, M.I., professor, doktor tekhnicheskikh pauk; NIKANOROV, V.A., inzhener; OSKOLKOV, K.H., inzhener; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; PERTSOVSKIY, L.H., inzhener; POPOV, I.P., inzhener; PCRSHWEV, B.G., inzhener; RATWER, M.P., inzhener; ROSSIYZVSKIY, G.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSKIY, I.Ya., dotsent, kandidat tekhnicheskikh nauk; RYABKOV, A.Ya., professor [deceased]: TAGER, S.A., kandidat tekhnicheskikh nauk; KHAZEN, M.H., professor, doktor tekhnicheskikh nauk; CHERNYSHEV, M.A., doktor teknnicheskikh neuk; KBIN, L.Ye., professor, doktor tekhnicheskikh nauk; TURENEV, B.H., dotuent; AKSENOV, I.Ya., dotsent, kandidat tekhnicheskikh nauk; ARKHANGEL SKIY, A.S., inzhener; BARTENEV, P.V., professor, doktor tekhnicheskikh nauk; BARHGARD, K.A., kandidat tekhnicheskikh nauk; BOROVOY, H.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.a., inchener; BOGDANOV, N.K., kandidat tekhnicheskikh nauk; VINNICIMNKO, N.G., dotsent, kandidat ekonomicheskikh nauk; (Continued on next card)

PENESHEVICH, I.I .--- (continued) Card 2. VASIL'YEV, V.F.; GONCHAROV, H.G., inzhener; DERIBAS, A.T., inzhener; DOBROSUL'SKIY, K.H., dotsent, kandidat tekhnicheskikh nauk; DIJIGACH, B.A., kandidat tekhnicheskikh nauk; YEFIKOV, G.P., kandidat tekhnicheskikh nauk; ZEMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELLO, M.L., kandidat tekhnicheskikh nauk; IL'IN, K.P., kandidat tekhnicheskikh nauk: KARETNIKOV, A.D., kandidat tekhnicheskikh nauk; KAPLUH. F.Sh., inzhener; KANSHIN, M.D.; KOCHNEV, F.F., professor, doktor tekhnicheskikh nauk; KOGAN, L.A., kandidat tekhnicheskikh nauk; KUCHURIH, S.F., inzhener; LEVASHOV, A.D., inzhener; MAKSIHOVICH, B.H., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV, M.S., inzhener; MEDEL., O.M., inzhener; NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; PANTELEYEV, P.I., kandidat tekhnicheskikh nauk; PYTROV, A.P., professor, doktor tekhnicheskikh nauk; POVOROZHENKO, V.V., professor, doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk; SERGMYEV, Ye.S., kandidat tekhnicheskikh neuk; SIMONOV, K.S., kandidat tekhnichekikh nauk: SIMANOVSKIY, M.A., inzhener: SUYAZOV, I.G., inzhener: TAIDAYEV, F. Ya., inzhener; TIKHONOV, K.K., kandidat tekhnicheskikh nauk: USHAKOV, N.Ya., inzhenr: USPENSKIY, V.K., inzhener: FEL DWAN, B.D., kandidat tekhnicheskikh nauk; FERAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhenr; CHERNOMORDIK, G.I., professor, doktor tekhnicheskikh nauk; SHAMAYEV, M.Y., inzhener; SHAFIRKIN, B.I., inzhener; YAKUSHIH, S.I., inzhener; GRANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.F., dotsent kandidat tekhnicheskikh (Continued on next card)

BEBESHEVICH, I.I.--- (continued) Card 3.

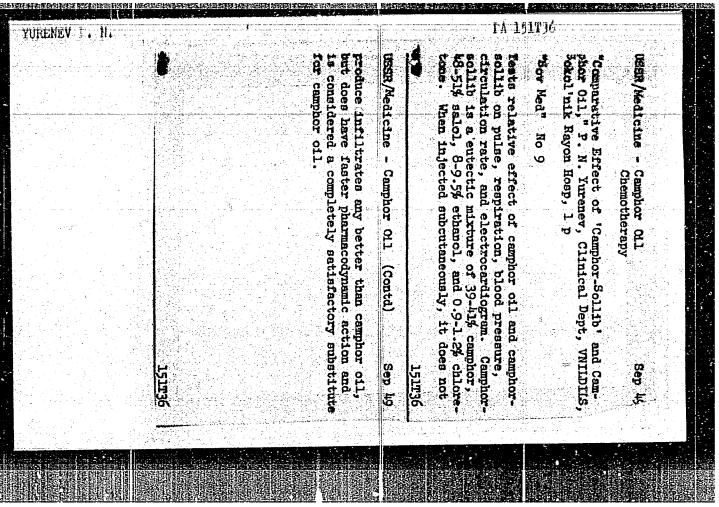
nauk, redaktor; MARKOV, M.V., inzhener, redaktor; KALIMIN, V.K.,
inzhener, redaktor; STEZANOV, V.M., professor, redaktor; SIDGROV, M.I.,
inzhener, redaktor; GEHONIMUS, B.Ye., kandidat tekhnicheskith mank,
redaktor; ROBEL', R.I., otvetstvennyy redaktor

[Technical reference wanual for railroad engineers] Teihnicheskii
spravochnik zheleznodorozhnika. Moskva, Gos. transp.zhel-dor. izd-vo.
Vol.10. [Electric power supply for railroads] Knergosnezheneie zheleznykh dorog. Otv.red. toma K.G.Markvardt. 1956. 1080 p. Vol.13.

[Operation of railroads] Ekspluntatsiis zheleznykh dorog. Otv. red.
toma R.I.Robel'. 1956. 739 p. (MLRA 10:2)

1. Ghlen-korrespondent Akademii nauk SSSR (for Petrov)

(Electric railroads) (Reilroads---Management)

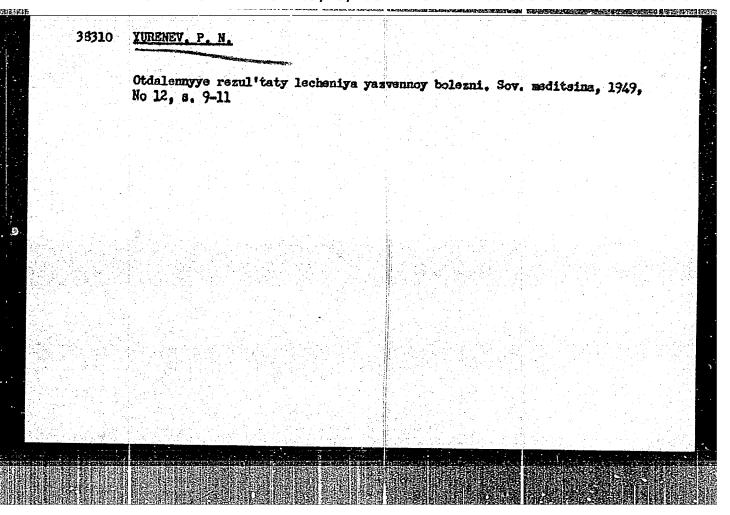


YURENEY, P. M.
Comparative activities of 'camphor-sollib' and camphor-cil Soviet Medicine, Moscow 1949, 9 (39-40) Tables 1

Paragraph 2083
A preparation of camphor, containing samphor, salel, ethanol and chloreton, suitable for subcutaneous injection was compared with camphor oil.

Clinical trials revealed no toxic side effects and the therapeutic effect was equal to that of camphor oil.

So: Section II Vol. 3 No. 1-6

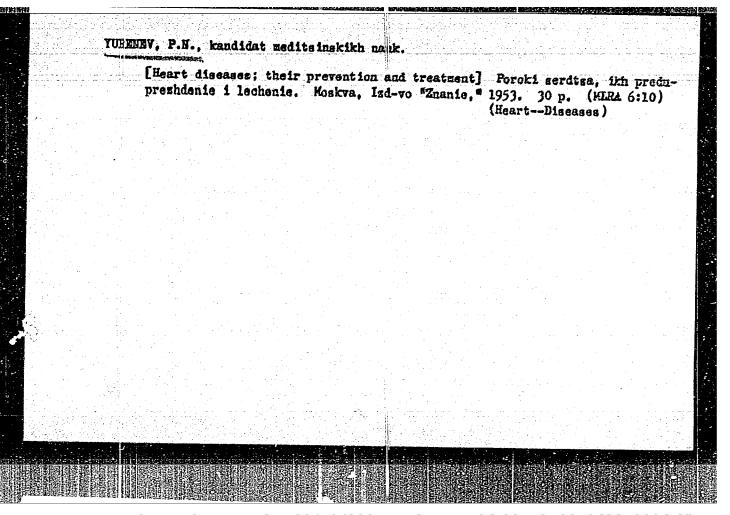


YUREMEV, P. N., BUKOVSKAYA, A. V.

Hoart - Diseases

Clinical supects of congenital heart diseases. Klin. med. 30 no. 7, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, LECEMBER 1952. UNCLASSIFIED.

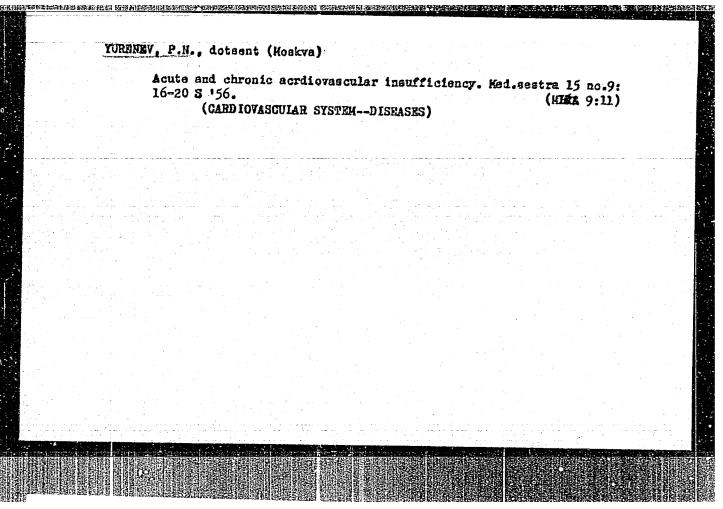


SHELARUROV, A.A., professor; YURENEV, P.H.; MURASHKO, V.V.

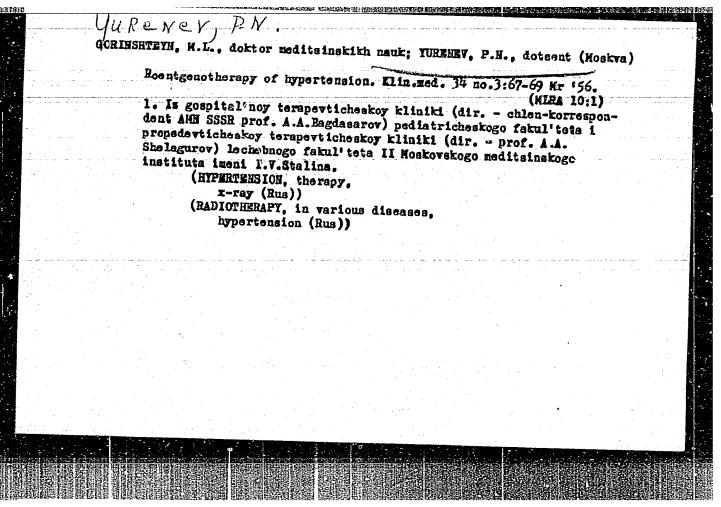
On the subject of mitral commissurotomy. Khirurgiia no.8:11-16
Ag. '55.

1. In fakul'tetskoy khirurgicheskoy kliniki (dir.-chlen. korrespondent
ANN SSSR prof. B.V. Petrovskiy) padiatricheskogo fakul'teta i
propedebticheskoy teraperticheskoy kliniki (dir.-prof. A.A.
Shelagurov) lechebnogo fakul'teta II Moskovskogo meditsinekogo
instituta ineni I.V. Stalina.

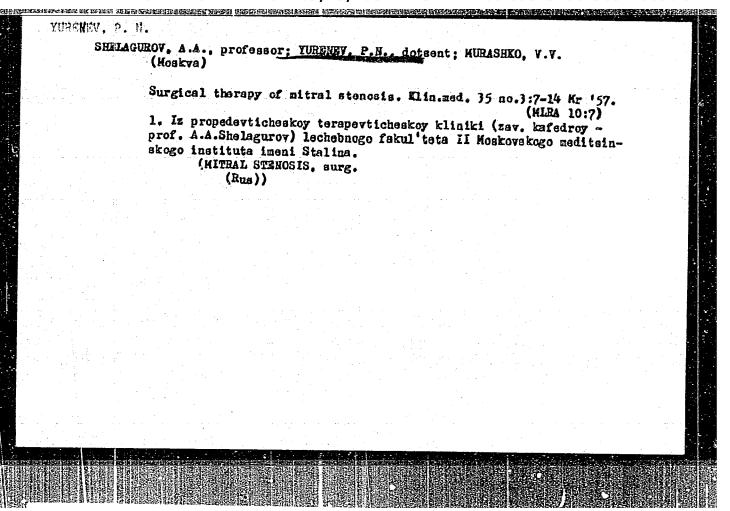
(MITRAL STENOSIS, surg.
commissurotomy)

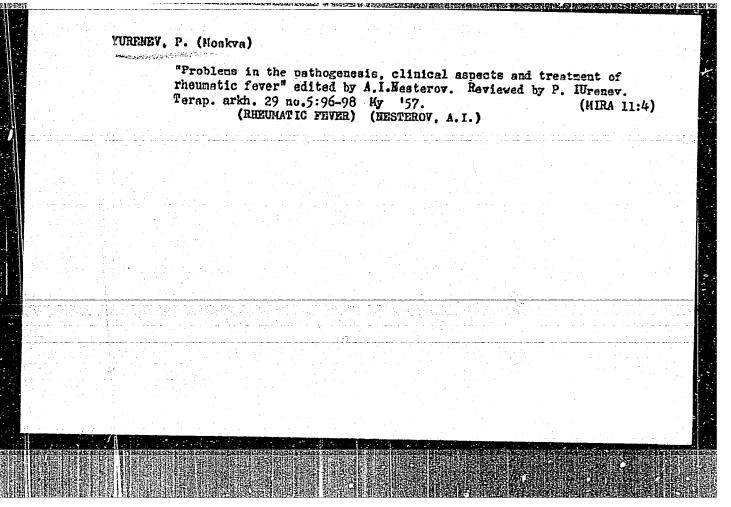


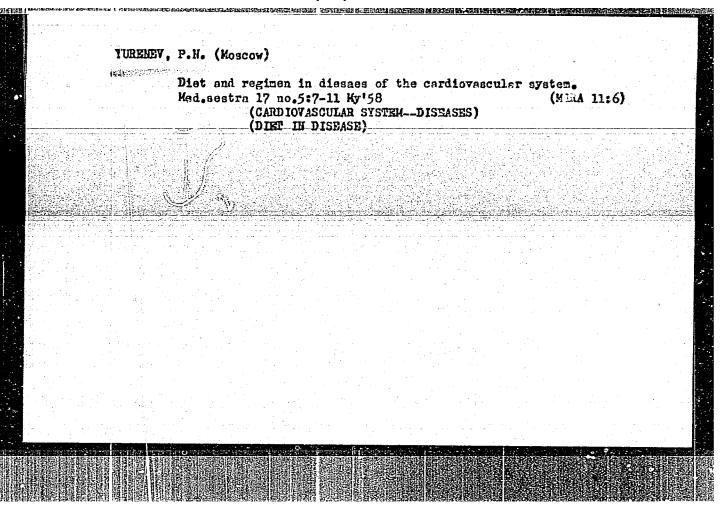
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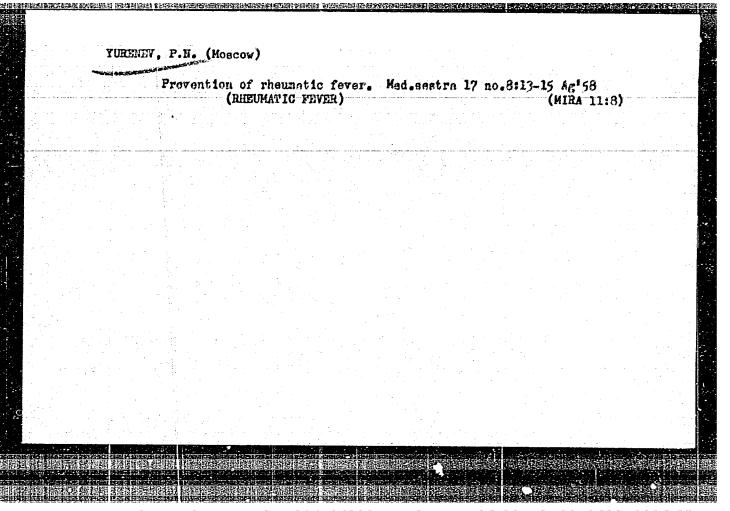
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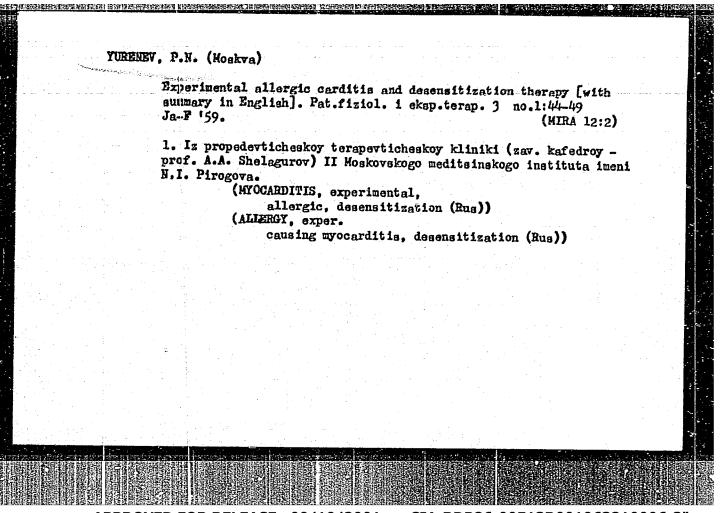




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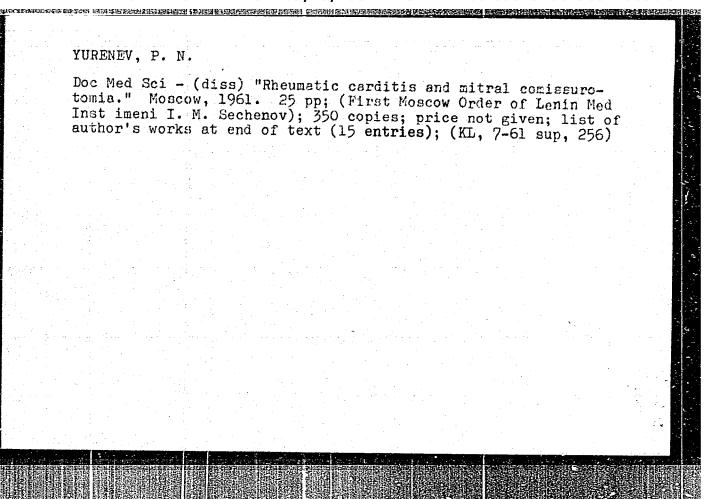
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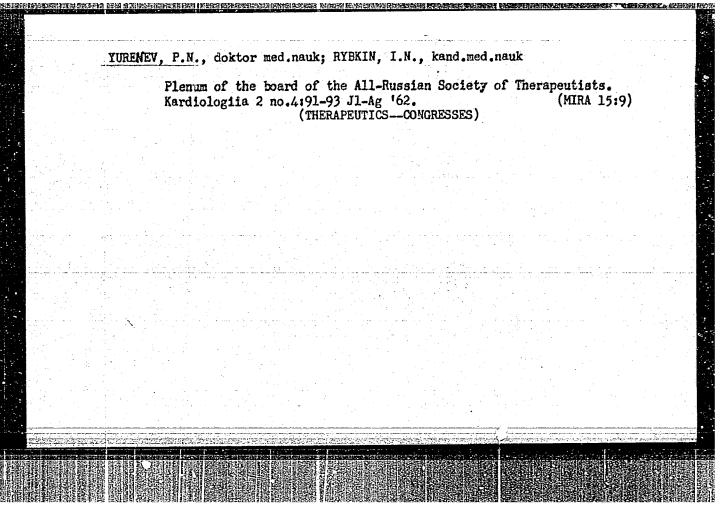
SHELACUROY, A.A., prof.; TURENEY, P.N., dotsent

Diagnosis of mitral stenosis and its relation to surgical therapy.
Terap.arkh. 31 no.12:45-50 D 159. (MIRA 13:4)

1. Is propedevicheskoy terapevticheskoy kliniki (zav. - prof. A.A. Shelagurov) lechebnogo fakul'teta II Koskovskogo meditsinskogo instituta imeni H.I. Pirogova. (MITRAL STENOSIS diag.)



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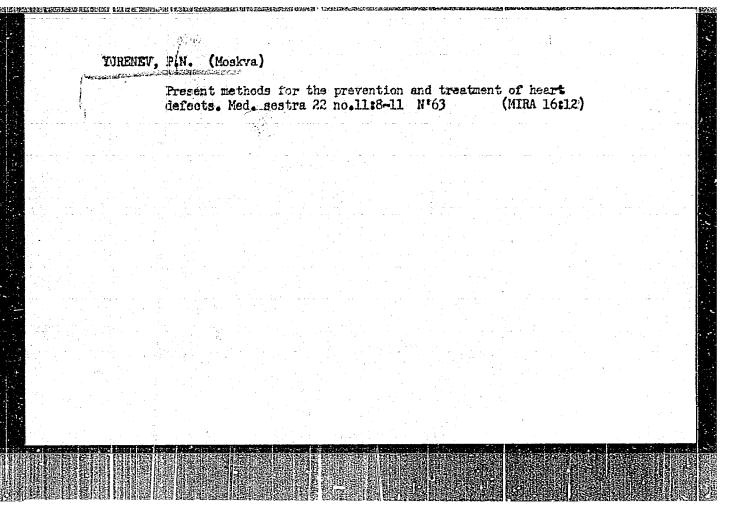
TURENEV, P.N. (Koskva, 3-ya Bogatyrskaya ul., d.1,korp. 4, kv. 37.)

4, kv. 37.)

Cause of postcommissurotomy syndrome. Grud.khir. no.4:15-20 J1-Ag
'62.

1. Iz gospital'noy terapevticheskoy kliniki (zav. doktor meditsinskikh nauk P.N. Turenev) pediatricheskogo fakul'teta II Moskovskogo
meditsinskogo instituta imeni N.I.Pirogova.

(MITRAL VALVE—SURGERI)



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SEELAGUHOV, A.A., zasluzhenyy deyatel' nauki, prof.; YUBENEV, P.N.;
PORCSHIMA, Yu.A.; ALEKSEYEVA, T.A.

Study of allergic factors in the clinical aspects of internal diseases; prelimiray report.Sov.med. 26 no.2:17-23 F'63.

(MIRA 16:6)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - zasluzhennyy deyatel' nauki prof. A.A.Shelagurov) lechengoo fakul'teta II Moskovskogo meditsinskogo instituta imeni
M.I.Pirogova i nauchno-isaledovatel'skoy allergologicheskoy laboratorii (zav. - chlen-korrespondent AMN SSSR prof. A.D. Ado).

(ALLERGY) (MEDIGINE, INTERNAL)

YURENEV, P.N.; ALEKSEYEVA, T.A.; POLOTSKAYA, Ye.L.

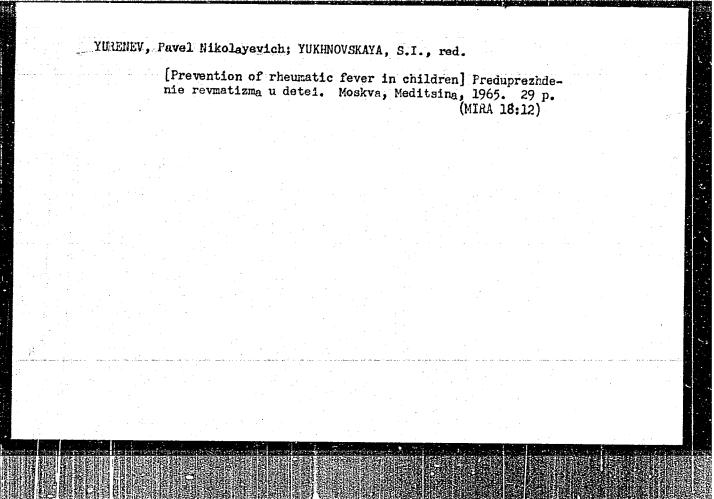
Allergic reactivity in myocardial inferct. Eardiologiia
no.li9-14 '64. (MIRA 17:10)

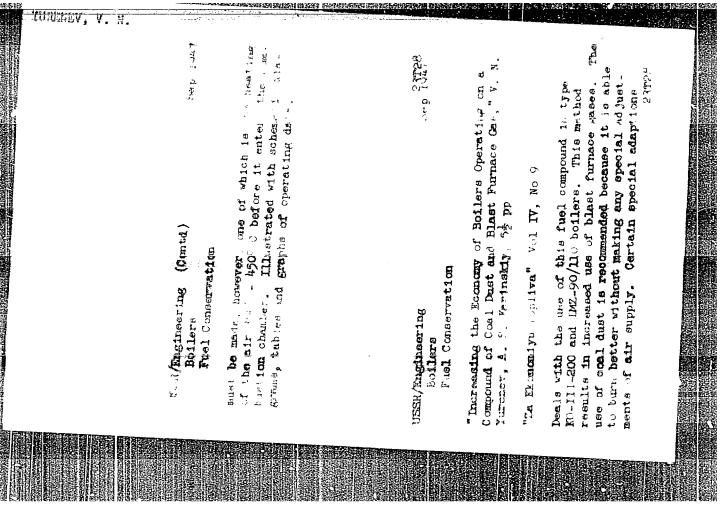
1. Gospital'naya terapevticheskaya klinika pediatricheskogo fakul'teta (zav. kafedroy - prof. P.N. Yurenev) II Moskovskogo meditsinskogo instituta imeni Pirogova i allergologicheskaya laboratoriya (zav.- chlen-korrespondent AMN SSSR prof. A.D. Ado) AMN SSSR.

TURENEY, Pavel Nikolayevich; YUKHNOVSKAYA, S.I., red.

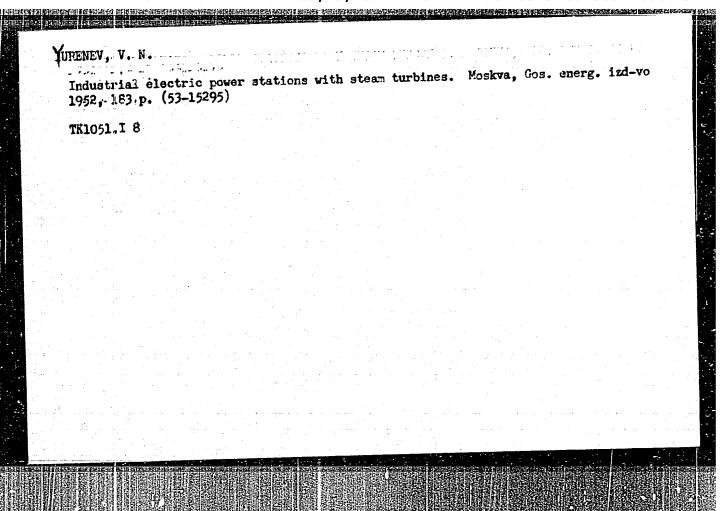
[Prevention of rheuratic fever in children] Preduprezhdenie revmatizma u detei. Moskva, Meditsina, 1965.
29 p. (MIRA 18:12)

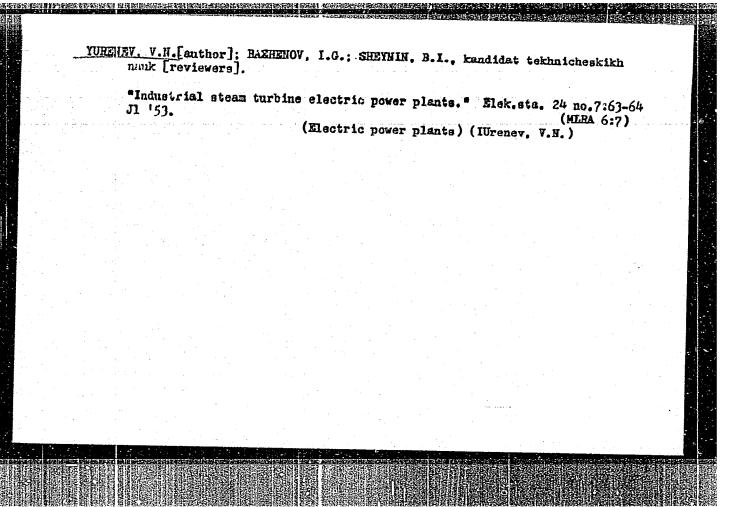
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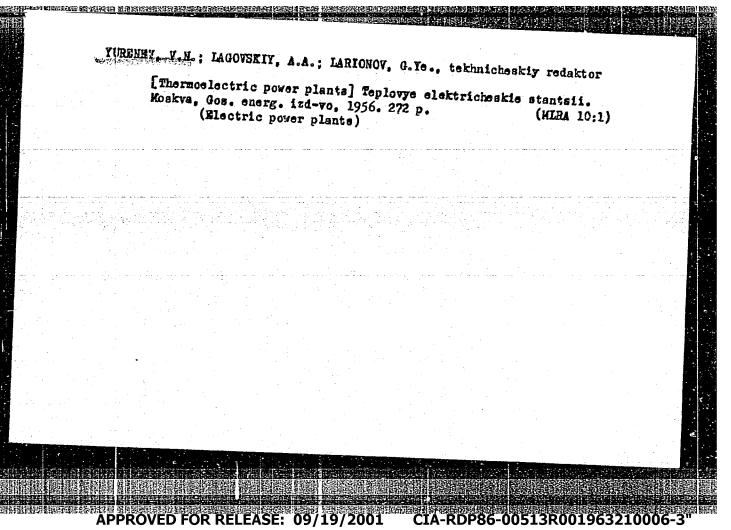


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YURENEV. VIN.

AUTHOR: Yurenev, V. N. (Engineer). 96-4-3/24

TITLE:

Increasing the efficiency of industrial electric power stations. (Povysheniye ekonomichnosti promyshlennykh

elektrostantsiy).

PERIODICAL: Teploenergetika, 1958,

No.4, pp. 16-22 (USSR).

ABSTRACT: Industrial electric power stations account for a considerable proportion of the total Soviet fuel consumption and it is important that they should be efficient. Some idea of the characteristics of their equipment and their thermal efficiency may be obtained from Table 1, which gives data for 1956 for power stations in the ferrous-metallurgical industry. Stations with an output of more than 25 MW preponderate, and they have a considerable number of high-pressure sets. However, 59% of the power stations have outputs less than 25 MW and operate on low- and medium-pressure steam. None of the low-pressure stations, and few of the medium-pressure stations, have turbines with process and heating steam pass-outs, so that operation is under condensing conditions. The relatively high fuel consumption of stations with high-pressure sets as compared with those

Card 1/6 with medium-pressure sets is due to the greater use of

Increasing the efficiency of industrial electric power stations.

combined heat and electric power generation in the medium-pressure stations. Fuel consumption is high in the low-pressure electric power stations because the boiler and turbine equipment is old, inadequate or small. The data given for power stations in the ferrousmetallurgical industry are characteristic of similar stations in other industries. Even the largest industrial condensing stations are less efficient than modern regional power stations. The possibility of closing down a number of industrial condensing-type stations must be considered but cannot be done on a large scale because of the large capital investment involved. Instead, modernisation of industrial power stations is justified. The main steps needed are to modernise the fuel-handling equipment, and to reconstruct the boiler sets for increased efficiency; also to make greater use of regenerative feed-water heating, maintain better vacuum and so on. Further, the operation of existing industrial power stations can often be made more economic by using higher steam conditions, which may be achieved by superposed equipment. Examples are given of the large Card 2/6 fuel savings that can be effected in this way.

Increasing the efficiency of industrial electric power stations.

for measures of this kind depends on fuel costs. In the next few years there will be a considerable change in the fuel balance of the country; much more use will be made of natural gas and of underground gasification, which are relatively cheap sources. The use of superposed equipment will be justifiable for stations that operate on long-haul solid fuel with no prospect of going over to cheap fuel. The size of the local heat load supplied by reas out or heal reasons to the local heat load supplied by pass-out or back-pressure turbines has a decisive influence on the thermal efficiency of power stations. Fig. 1 shows a graph concerning the operation of a mediumpressure heat and electric power station which gives the actual relationship between the specific fuel consumption for electricity generation and the proportion used for heat supply. When 40% or more of the electric power is generated in conjunction with heat supply, the fuel consumption is less than 400 grams/kWh. In a mediumpressure heat and electric power station with backpressure turbines, the specific fuel consumption is 180 grams/kWh, which is less than half that of a large Card 3/6 regional electric power station. Clearly a most important

Increasing the efficiency of industrial electric power stations.

means of raising the efficiency of industrial power stations is to increase as much as possible the amount of electricity generated in connection with heat supply. This can be greatly facilitated by closing down small local boiler-houses and organising centralised heat-supply. When the replacement of condensing turbines by pass-out or back-pressure turbines cannot be justified, the condensing turbines may be operated with reduced vacuum. In this case, the output of the condensing turbine working on medium-pressure steam, which normally delivers steam to a condenser at 0.5 - 0.7 atms, is reduced to about half. Nevertheless, the economies may be great if the heat demand is large. If electric power supply can be obtained from the regional system and there is sufficient heat demand, many of the condensing turbines in industrial electric power stations should be operated with reduced vacuum. To deliver the necessary quantity of heat at the winter peak it may be necessary to use spare boiler capacity. Most small turbines can be operated on reduced vacuum without modifying the stages in any way. When the cost per ton of conventional fuel Card 4/6 exceeds about 100 roubles, the use of superposed sets

96-4-3/24 Increasing the efficiency of industrial electric power stations.

will be advisable in many small power stations. Extension and reconstruction of the thermal circuit of an isolated low-power, low-pressure electric power station working on long-haul solid fuel is shown in Fig.2. The characteristics of the equipment, and the most important technical and economic data, are given in Table 2. Stations of medium output in large industrial undertakings, which are usually located in towns, should be used as base-load stations for centralised heat-supply. In some cases this may be done by operating condensing turbines on reduced vacuum, transferring additional electric load to the main system. In many cases it will be necessary to change the stages of the turbines. removing the last low-pressure stage. It is quite practical to change the rotor for the winter and summer periods; about two days would be required for the work. In electric power stations and heat and electric power stations at medium-pressure with outputs up to 25 MW, an increasing thermal load should be met by installing boilers for higher steam conditions and back-pressure turbines. Thus, the condensing output is not increased and the cost is kept to a minimum. The installation of

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96-4-3/24

Increasing the Efficiency of Industrial Electric Power Stations.

pass-out turbines is justified only when the unit is quite large and high steam conditions are necessary. In extending isolated power stations at which there is no prospect of connection to an electric power system, it is often most advantageous to instal pass-out turbines. Because of the prospects of developing district-heating from industrial power stations without increasing the amount of electric power generated under condensing conditions, it is necessary to manufacture turbines with back-pressures of 0.7 - 1.2 atms and rated outputs of up to 12 MW.

There are 3 figures and 2 tables.

ASSOCIATION: Moscow Power Institute. (Moskovskiy Energeticheskiy Institut).

AVAILABLE: Library of Congress.

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